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Node E

Node D

Node A

Node B

Node C

Range of Node D's
Transmission

Range of Node
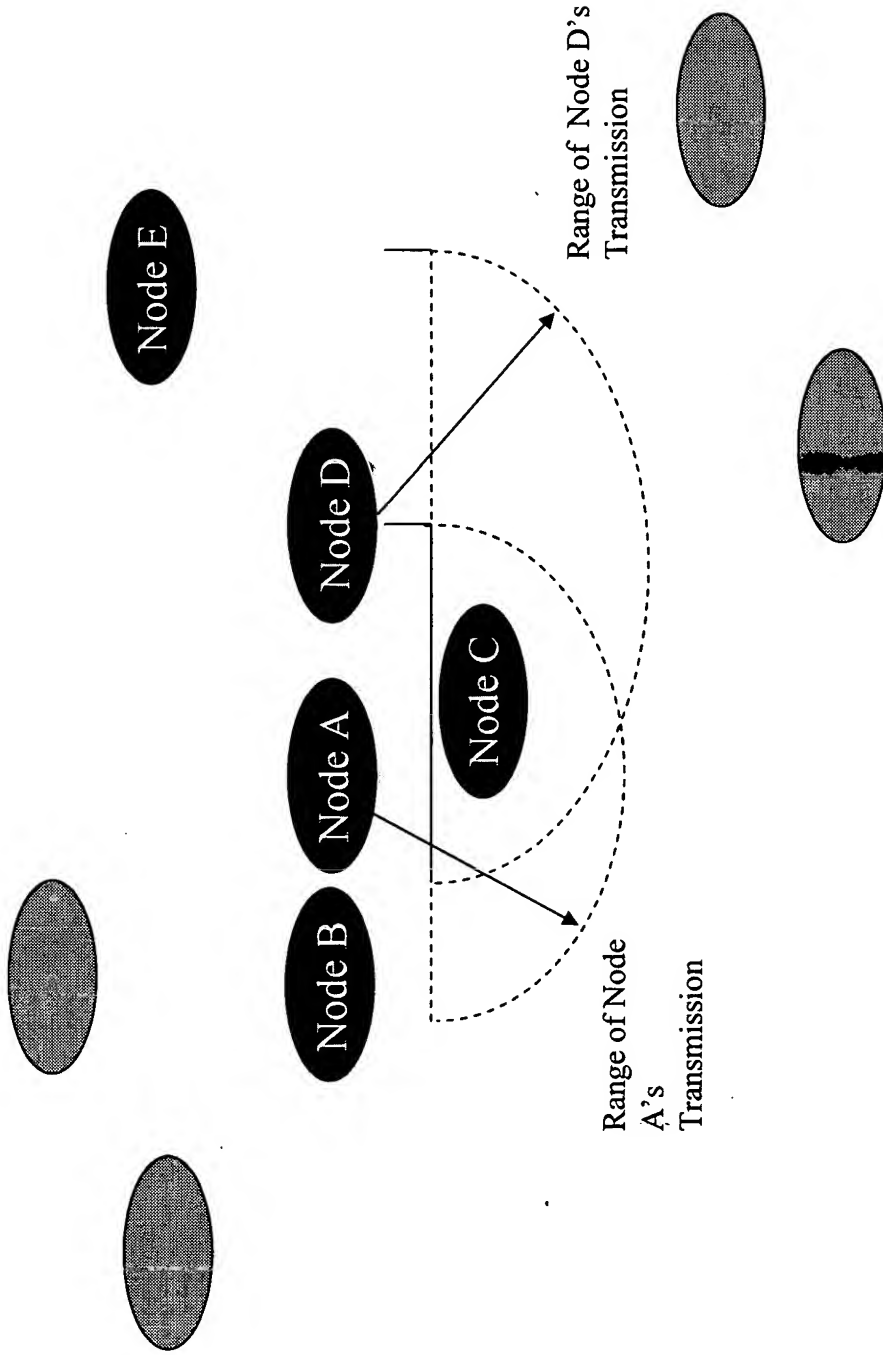A's
Transmission

FIG. 1

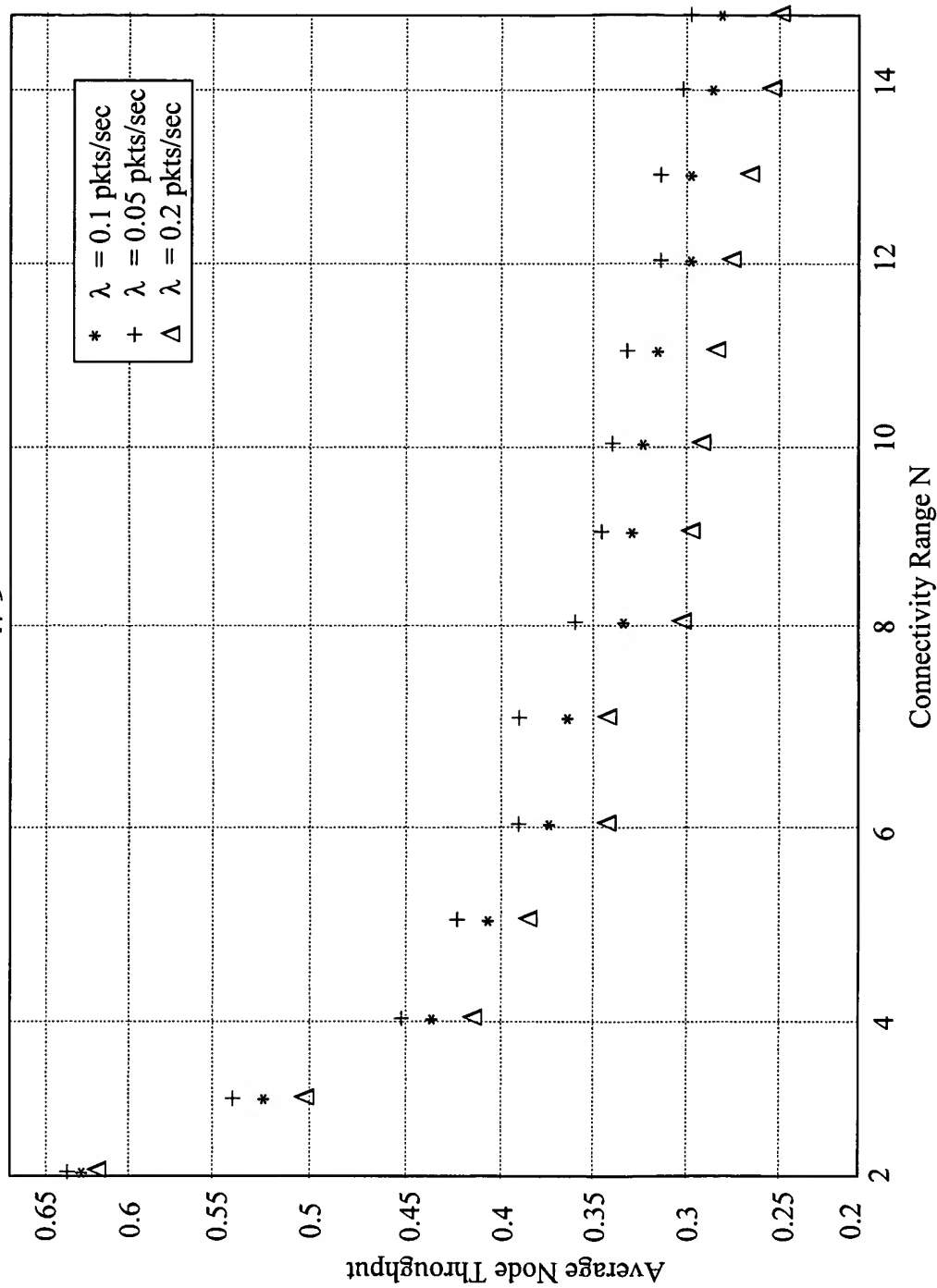| Node ID	Neighbor ID	Transmit Power Level

FIG. 2: Signaling Packet Format

Source ID	Destination ID	Current Node ID
Next Node ID	# of Re-Transmissions	Payload

FIG. 3: Data Packet Format

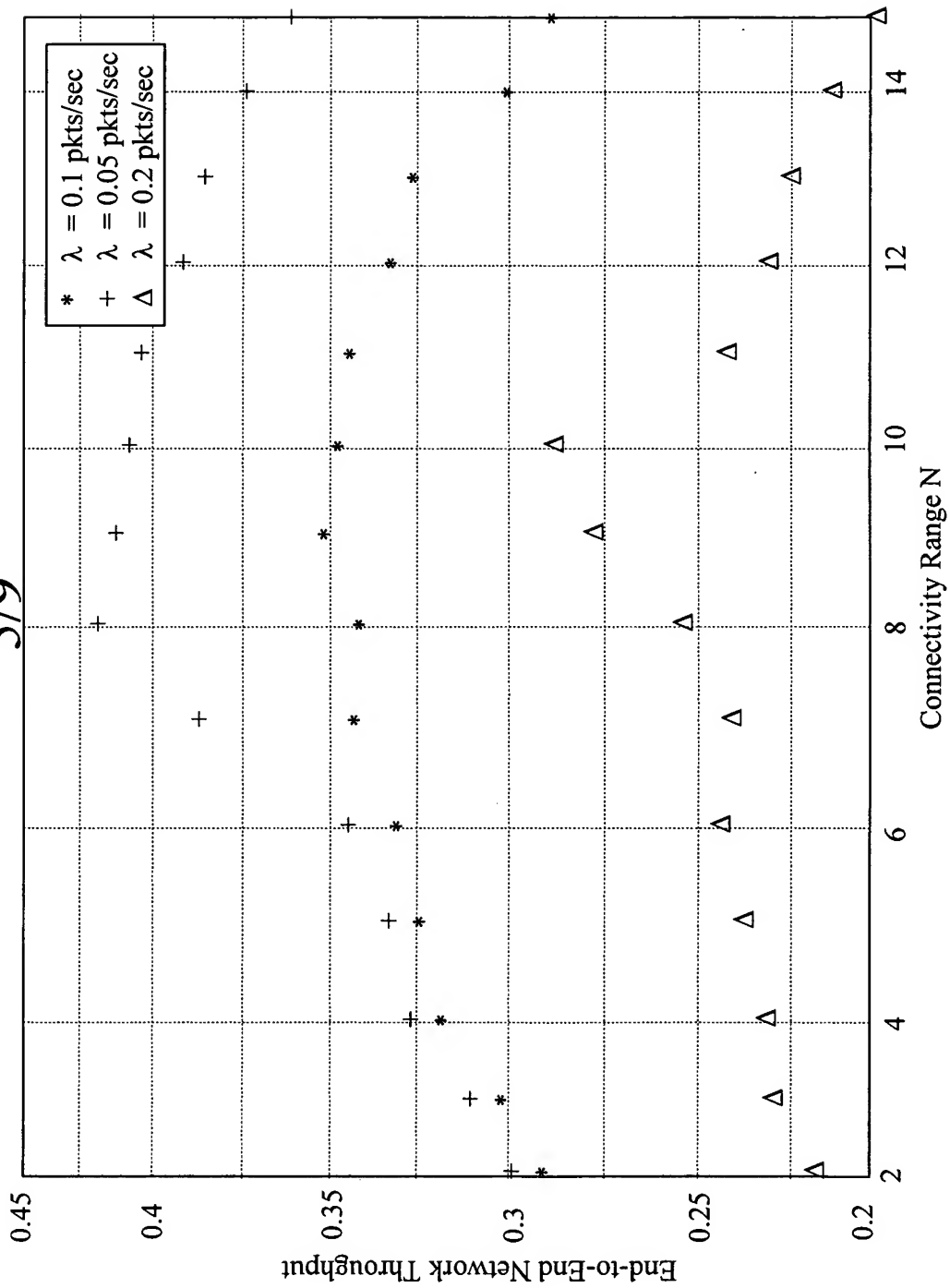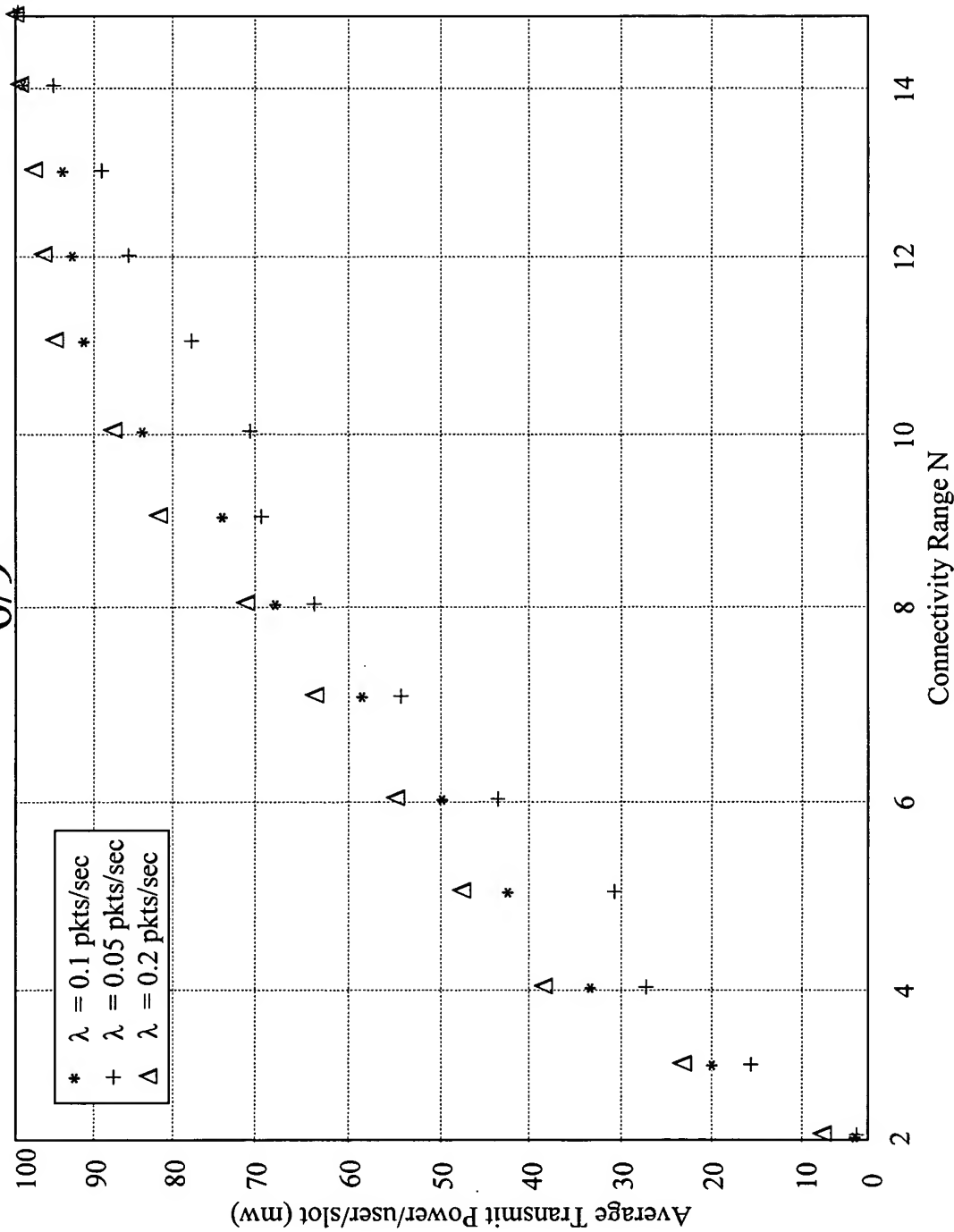| Node ID	Neighbor ID	Transmit Power Level
A	B	P_1
A	C	P_1
A	D	P_1
B	A	P_2
B	C	P_2
B	E	P_2

Connectivity Table Format

FIG. 4

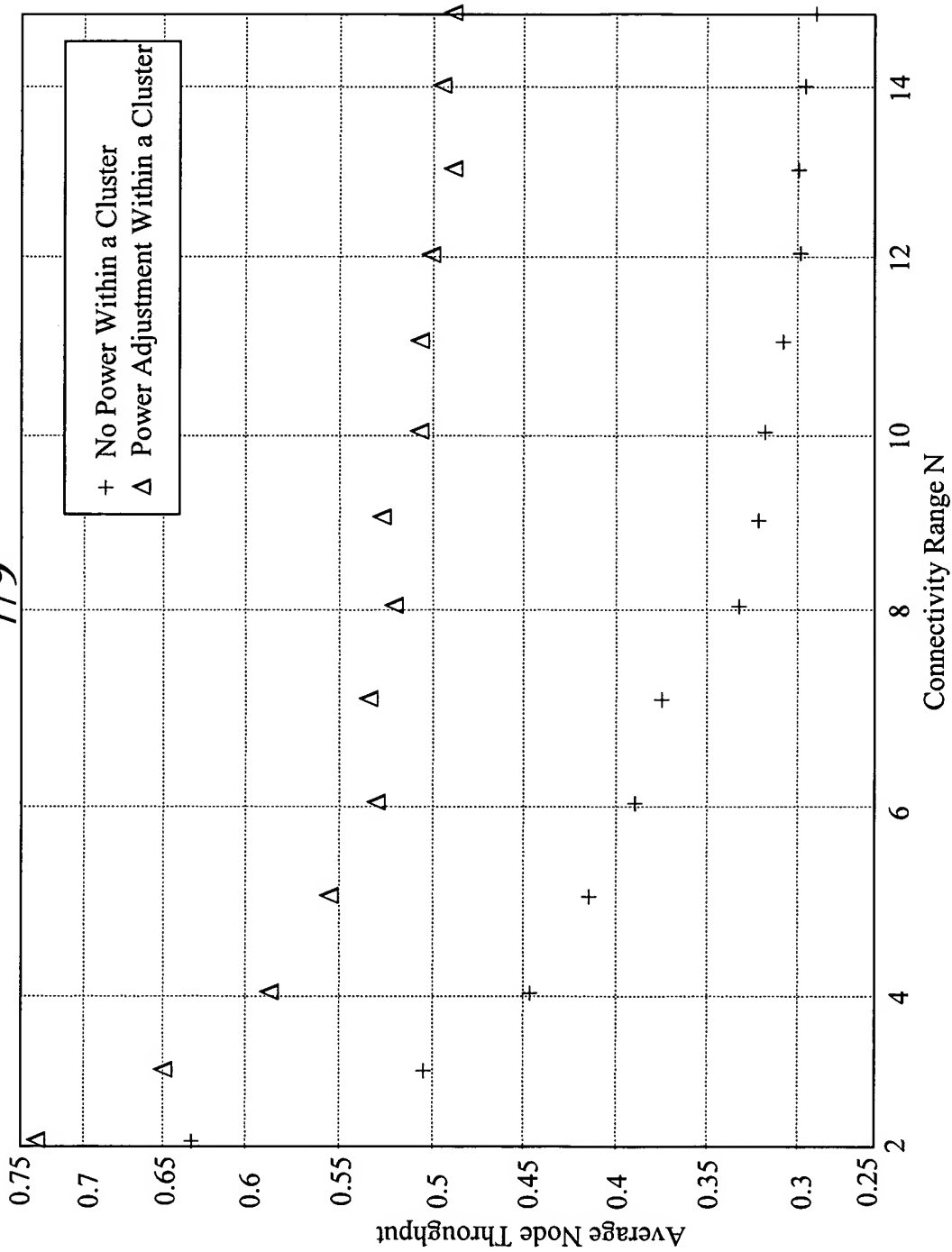Average Node Throughput v. Connectivity Range N

FIG. 5

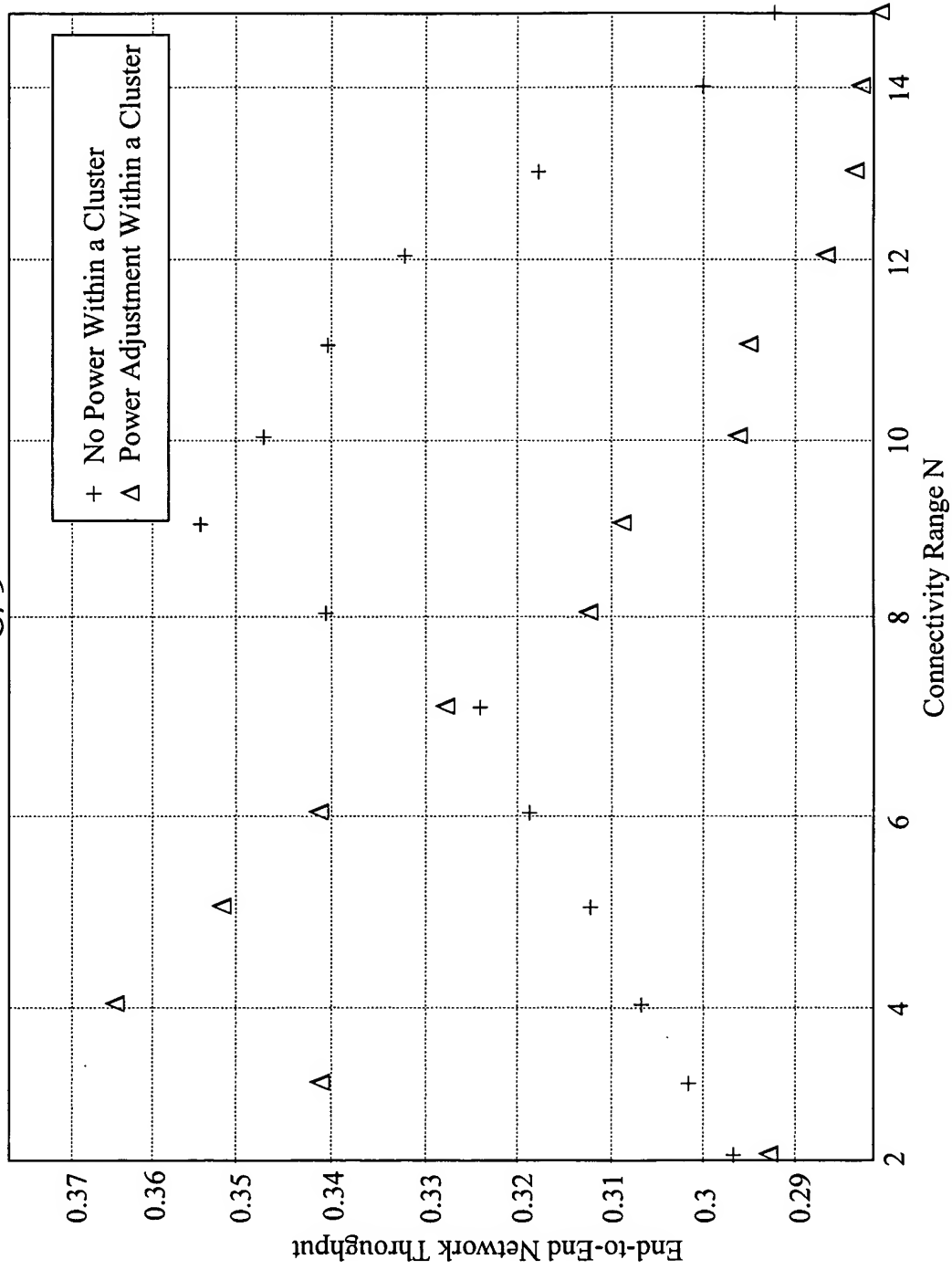End-to-End Network Throughput v. Connectivity Range N

FIG. 6

Average Power Consumption (mW) v. Connectivity Range N

FIG. 7

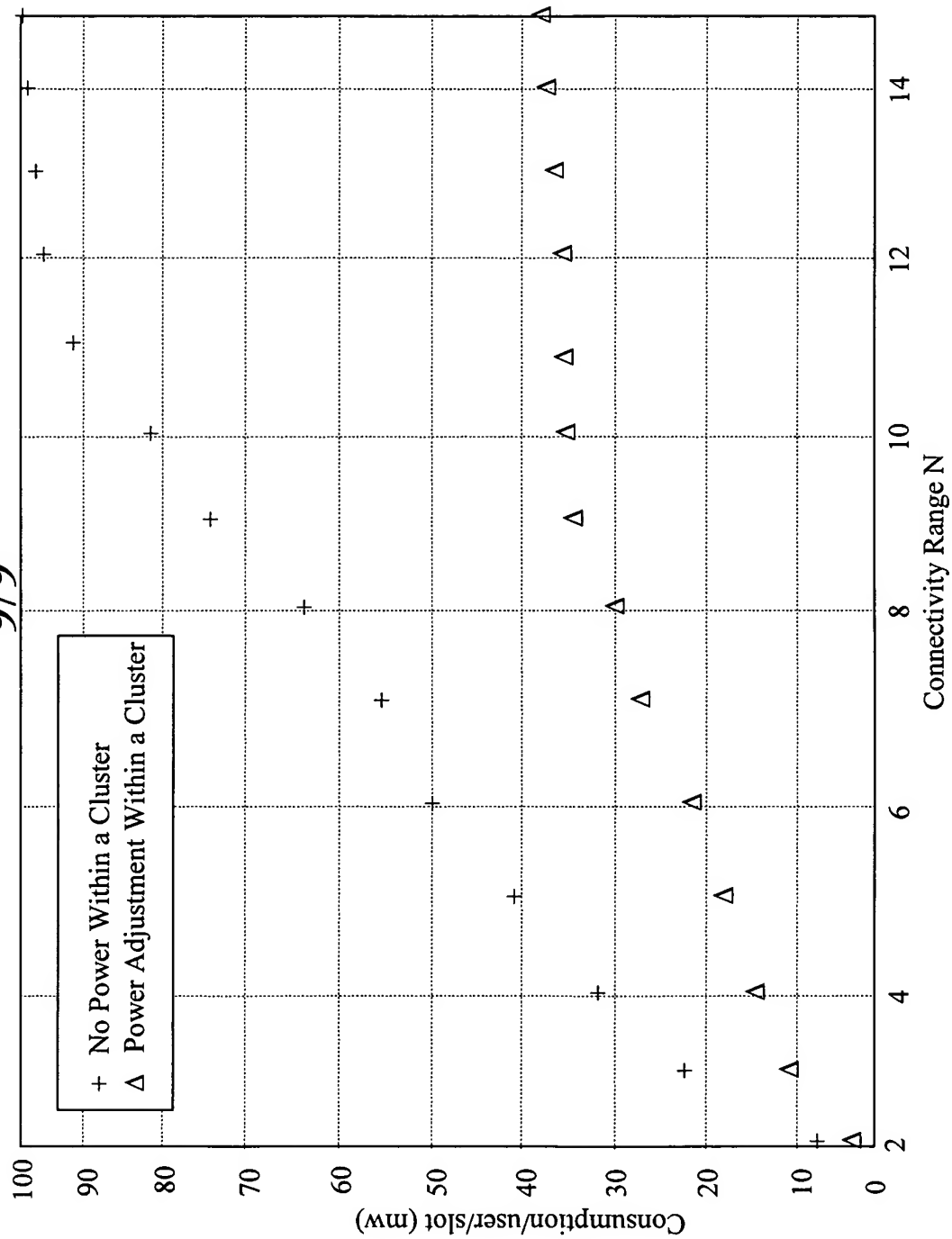Average Node Throughput v. Connectivity Range N

FIG. 8

End-to-End Network Throughput v. Connectivity Range N
FIG. 9

Average Power Consumption v. Connectivity Range N

FIG. 10